RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/502,351.

Source: 99/10Date Processed by STIC: 3/13/05

ENTERED



PCT

RAW SEQUENCE LISTING DATE: 03/13/2005
PATENT APPLICATION: US/10/502,351 TIME: 12:06:41

Input Set : A:\2977-154 Sequence Listing.ST25.txt

Output Set: N:\CRF4\03132005\J502351.raw

3 <110> APPLICANT: Zhang, Lian Hui

Lin, Yi Han

```
Xu, Jin Liang
     7 <120> TITLE OF INVENTION: Ralstonia AHL-Acylase Gene
     9 <130> FILE REFERENCE: 2977-154
     11 <140> CURRENT APPLICATION NUMBER: 10/502351
     12 <141> CURRENT FILING DATE: 2004-07-23
     14 <150> PRIOR APPLICATION NUMBER: PCT/SG02/000011
     15 <151> PRIOR FILING DATE: 2002-01-23
     17 <160> NUMBER OF SEQ ID NOS: 7
     19 <170> SOFTWARE: PatentIn version 3.3
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 3743
     23 <212> TYPE: DNA
     24 <213> ORGANISM: Ralstonia sp.
     27 <220> FEATURE:
     28 <221> NAME/KEY: misc feature
     29 <222> LOCATION: (16)..(16)
     30 <223> OTHER INFORMATION: n is a, c, g, or t
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    75 acgetegeca tggeegeget egeggegetg geeggetgeg eeagtteeae egatggeege
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Input Set : A:\2977-154 Sequence Listing.ST25.txt

Output Set: N:\CRF4\03132005\J502351.raw

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83 acetteggge eegagggeae egtgaeggte tegtteaage egateceeaa eetgeagteg
85 gacgccttct tcaagggcat cttcgacgag gacggcctgc gcgccggtta tgcgcagatg
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87 tegecegagg egegegaget getgegegge tacategeeg getteaaceg etateteaag
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89 gacacgeege eegecaactt eeeggeegee tgeegeaatg eegeetgggt gegteegete
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93 atgctggcgg gcatcgtcgc cgcgcagccg ccgggccgca cgccggtggc cgagcgcgag
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95 attecgeege aggeegtega caccgtggeg etggacegeg aactgeaget gegegacatg
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                                                                         2760
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125 tggctgacca accccgcgca aaagctgacc ggcttctcgc cggtgatggg ctcggtcgac
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172
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		-	Ala	Tyr	Ala	Gln 70	Asp	Asn	Leu	Cys	Leu 75	Leu	Ala	Asp	Gln	Val 80
		Thr	Val	Asn	Gly 85	Glu	Arg	Ser	Lys	Thr 90		Gly	Pro	Glu	Gly 95	
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196	Met	Ser	115 Pro	Glu	Δla	Arg	Glu	120	Len	Ara	Glv	Ťνr	125 Tle	Ala	Glv	Phe
200		130				_	135					140				,
	Asn 145	Arg	Tyr	Leu	Lys	Asp 150	Thr	Pro	Pro	Ala	Asn 155	Phe	Pro	Ala	Ala	Cys 160
		Asn	Ala	Ala	Trp	Val	Arg	Pro	Leu	Thr		Glỳ	Asp	Met	Met	
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211 212	Met	GIY	GIu	G1u 180	Lys	Ala	IIe	Gin	A1a 185	ser	Ala	GIY	Ala	Met 190	ьeu	Ala
	Gly	Ile	Val		Ala	Gln	Pro	Pro		Arg	Thr	Pro	Val		Glu	Arg
216	_		195			_	_	200	_		_		205			_
219 220	Glu	Ile 210	Pro	Pro	Gln	Ala	Val 215	Asp	Thr	Val	Ala	Leu 220	Asp	Arg	Glu	Leu
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224	225					230					235					240
	Asp	Ala	Thr	Ala	Asn 245	Arg	Arg	Gly	Val	Leù 250	Leu	Gly	Asn	Pro	His 255	Phe
228 231	Pro	Trp	Thr	Thr		Asn	Ara	Phe	Tvr		Val	His	Leu	Thr		Pro
232		_		260			_		265					270		
	Gly	Lys		Asp	Val	Met	Gly		Ser	Ile	Ala	Ala		Pro	Val	Val
236	Ser	Tle	275	Phe	Asn	Lys	Asp	280 Val	Δla	Tro	Thr	His	285 Thr	Val	Ser	Thr
240	001	290	OL J	1110	11011	_,	295	· u =				300				
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	305	Thr	Тъгъ	LOU	Tall	310 Asp	Glaz	Thr	Dro	Uic	315	Mot	Thr	Thr	Δra	320 Thr
248	1111	1111	ıyı	пеп	325	АБР	GIY	1111	FIO	330	цуз	Mec	1111	1111	335	1111
	Val	Ala	Phe	Asp	Val	Lys	Leu	Pro	Asp	Gly	Arg	Leu	Glu	Arg	Arg	Thr
252	•	 1	5 1	340		em1	~ 7 .		345	D	77-7	.	G	350	D	0
255 256	HIS	Thr	355	Tyr	Asp	Thr	шe	360	GIY	Pro	vaı	Leu	365	мет	Pro	ser
	Gly	Gly		Pro	Trp	Thr	Thr		Lys	Ala	Tyr	Ala		Arg	Asp	Ala
260	_	370			_		375		_			380				
	Asn 385	Arg	Asn	Asn	Thr	Arg 390	Ser	Val	Asp	Ser	Trp 395	Leu	His	Ile	GIY	Gln 400
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Input Set : A:\2977-154 Sequence Listing.ST25.txt

Output Set: N:\CRF4\03132005\J502351.raw

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	Met		Ala	Lvs	Asp	Ile		Gln	Val	His	Ala	Val	Glu	Phe	Asp	Pro
	625	5		-1-		630					635				-	640
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328		P			645			5	1	650	5				655	
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	705	017	•	200		710		01			715		U -1		-1-	720
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348	пси	110	VUI	- 7 -	725	OLY	1111	UCI	-1-	730	0111		•••		735	
) en	Gln	Glaz	Dro		Δla	Aen	Δ] =	Tla		Thr	ጥህን	G] v	Glu		Thr
352	дал	GIII	Gry	740	Vai	AIG	тэр	n a	745	neu	1111	- y -	Ory	750	DCI	
	7 an	Wi c	7 l a		Dro	цiс	ת דת	Dho		Gln	Mat	λrα	Δ 1 =		Ser	Gly
356	Asp	nrs	755	Ser	FIU	mis	лта	760	тор	GIII	Mec	nr 9	765	- y -	DCI	CLY
	Tara	Uic		7 an	7.20	T 011	Dro		Cor	Cl 11	ב ו ג	בות		Δla	Δ] =	Aen
	Lys		ıτb	ASII	wrd	ьeu		FIIG	⊃€1	Gru	nıa	780	116	лта	лта	roh
360		770	T ~··	T	37-7	Mot	775	T 011	C~~	C1 ~		100				
	Pro	AIA	ьeu	пλа	val		Arg	neu	Ser	GTII						
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Input Set : A:\2977-154 Sequence Listing.ST25.txt

Output Set: N:\CRF4\03132005\J502351.raw

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395		_	_		85					90					95	
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402	Thr	Val	Ile	Glu	Pro	Gly	Arg	Leu	Gln	Ala	Gly	Tyr	Arg	Asp	Gln	Pro
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414	Asp	Trp	Val	Arg	Pro	Leu	Thr	Glu	Leu	Asp	Val	Met	Arg	Leu	Gly	Glu
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422	Ser	Ala	Arg	Pro	Pro	Gln	Ala	Gly	Ala	Ser	Thr	Ala	Ala	Pro	Arg	Pro
423			195					200					205	·		
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439				260					265					270	_	
442	Ala	Ser	Leu	Gly	Gly	Met	Pro		Val	Asn	Ile	Gly		Asn	Gln	Asp
443			275					280					285	_		_
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	Gln	Gln	Arg	Arg		Gln	Arg	Arg	Thr		Val	Ile	Glu	Val		Thr
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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/502,351

DATE: 03/13/2005 TIME: 12:06:42

Input Set : A:\2977-154 Sequence Listing.ST25.txt

Output Set: N:\CRF4\03132005\J502351.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 16

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/502,351

DATE: 03/13/2005 TIME: 12:06:42

Input Set : A:\2977-154 Sequence Listing.ST25.txt

L

Output Set: N:\CRF4\03132005\J502351.raw

L:33 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:999 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7